

INTERNATIONAL SEARCH REPORT

Intern: Application No
PCT/IB2004/051011

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/0045 G11B7/007 G11B7/125

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 1 244 096 A (NIPPON COLUMBIA CO., LTD) 25 September 2002 (2002-09-25) abstract page 3, paragraph 12 page 4, paragraph 19 - page 4, paragraph 20 page 5, paragraph 31 - page 5, paragraph 32 page 11, paragraph 78 - page 12, paragraph 82 figures 4-6 ----- -/--	1,6 2,3

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"Z" document member of the same patent family

Date of the actual completion of the international search

10 February 2005

Date of mailing of the international search report

12. 05. 2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Brezmes Alonso, F

INTERNATIONAL SEARCH REPORT

Interr

Application No

PCT/IB2004/051011

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>EP 1 318 509 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 11 June 2003 (2003-06-11) column 2, paragraph 7 - column 3, paragraph 14 column 4, paragraph 18 column 6, paragraph 31 - column 6, paragraph 32 column 7, paragraph 35 - column 7, paragraph 37 column 13, paragraph 60 - column 13, paragraph 64 column 14, paragraph 68 - column 16, paragraph 79 column 20, paragraph 105 - column 21, paragraph 112 column 23, paragraph 123 - column 24, paragraph 130 column 25, paragraph 137 - column 26, paragraph 142 figures 3,4,6-8,10,11 -----</p>	1,4-6

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2004/051011

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-6

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6

Recording method for recording information on a dual layer recordable disk, the method comprising a step of performing an Optimum Power Control procedure for determining an actual optimum writing power, said Optimum Power Control Procedure being performed in an OPC-area on the disk, characterized in that the Optimum Power Control procedure is performed in an OPC-area variably located on at least one of the layers of the dual layer disk.

2. claims: 7,8

A recording method for recording information on a dual layer recordable disk, characterized in that the information to be recorded is substantially equally divided between a first layer and a second layer of the dual layer disk and is written to the first and second layer such that beyond a maximum radius no data is written on both layers.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern

I Application No

PCT/IB2004/051011

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1244096	A	25-09-2002	JP 2002279634 A	27-09-2002
			JP 2003022532 A	24-01-2003
			EP 1244096 A2	25-09-2002
			US 2002136122 A1	26-09-2002

EP 1318509	A	11-06-2003	AU 8620901 A	26-03-2002
			CA 2410779 A1	28-11-2002
			EP 1318509 A1	11-06-2003
			CN 1447968 A	08-10-2003
			WO 0223542 A1	21-03-2002
			US 2003185121 A1	02-10-2003
